

COPY OF PAPERS
ORIGINALLY FILED

Please place a plus sign (+) inside this box → ☐

PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	09,931,457
Filing Date	AUGUST 16, 2001
First Named Inventor	SAVERIO CARL FALCO ET. AL.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1116 US CIP

TECH CENTER 1600/2900

APR 11 2002

RECEIVED

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
b		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFER NO. 118304, 7-1-93, MARTIN, C. ET. AL., PSEUDOMONAS AERUGINOSA DIAMINOPIMELATE DECARBOXYLASE: EVOLUTIONARY RELATIONSHIP WITH OTHER AMINO ACID DECARBOXYLASES	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFER NO. 1929092, 6-28-98, DEKKERS, L. C. ET. AL., A SITE-SPECIFIC RECOMBINASE IS REQUIRED FOR COMPETITIVE ROOT COLONIZATION BY PSEUDOMONAS FLUORESCENS WCS365	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFER NO. 1929095, 6-28-98, DEKKERS, L. C. ET. AL., A SITE-SPECIFIC RECOMBINASE IS REQUIRED FOR COMPETITIVE ROOT COLONIZATION BY PSEUDOMONAS FLUORESCENS WCS365	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFER NO. 6225241, 8-20-01, DECKERT, G. ET. AL., THE COMPLETE GENOME OF THE HYPERTHERMOPHILIC BACTERIUM AQUIFEX AEOLICUS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 9279586, 12-27-00, SATO, S. ET. AL., STRUCTURAL ANALYSIS OF ARABIDOPSIS THALIANA CHROMOSOME 3. I. SEQUENCE FEATURES OF THE REGIONS OF 4,504,884 BP COVERED BY SIXTY P1 AND TAC CLONES	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1591744, 1-28-98, BULT, C. J., ET. AL., COMPLETE GENOME SEQUENCE OF THE METHANOGENIC ARCHAEON, METHANOCOCCUS JANNASCHII	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFER NO. 1591748, 1-28-98, BULT, C. J. ET. AL., COMPLETE GENOME SEQUENCE OF THE METHANOGENIC ARCHAEON, METHANOCOCCUS JANNASCHII	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4927412, 02-29-00, LEE, M. ET. AL., IDENTIFICATION OF THE GENE ENCODING HOMOSERINE KINASE FROM ARABIDOPSIS THALIANA AND CHARACTERIZATION OF THE RECOMBINANT ENZYME DERIVED FROM THE GENE	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 466530, 2-7-99, NOJI, M. ET. AL., MOLECULAR CLONING OF A CYSTEINE SYNTHASE CDNA FROM CITRULLUS VULGARIS (WATERMELON) BY GENETIC COMPLEMENTATION IN AN ESCHERICHIA COLI-CYS-AUXOTROPH	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 540497, 2-7-99, NOJI, M. ET. AL., MOLECULAR CLONING OF A CYSTEINE SYNTHASE CDNA FROM CITRULLUS VULGARIS (WATERMELON) BY GENETIC COMPLEMENTATION IN AN ESCHERICHIA COLI-CYS-AUXOTROPH	
	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 416869, 5-30-00, SAITO, K. ET. AL., CDNA CLONING AND EXPRESSION OF CYSTEINE SYNTHASE B LOCALIZED IN CHLOROPLASTS OF SPINACIA OLERACEAE		

Examiner
Signature

[Handwritten Signature]

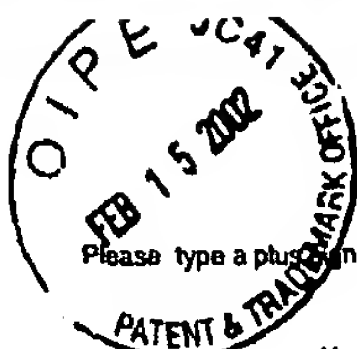
Date
Considered

6/30/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



COPY OF PAPERS
ORIGINALLY FILED

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 3		Complete if Known	
		Application Number	09,931,457
		Filing Date	AUGUST 16, 2001
		First Named Inventor	SAVERIO CARL FALCO ET. AL.
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	BB1116 US CIP

TECH CENTER 1600/2900

FEB 15 2002

RECEIVED

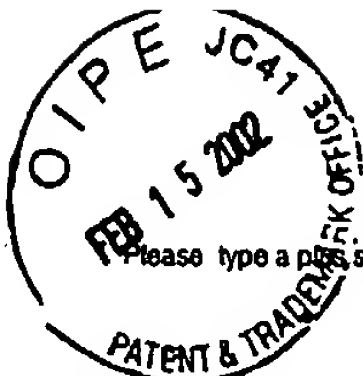
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
b		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 14595120, 7-5-01, KANEKO, T. ET. AL., SEQUENCE ANALYSIS OF THE GENOME OF THE UNICELLULAR CYANOBACTERIUM SYNECHOCYSTIS SP. STRAIN PCC6803. II. SEQUENCE DETERMINATION OF THE ENTIRE GENOME AND ASSIGNMENT OF POTENTIAL PROTEIN-CODING REGIONS	
		TAKAKAZU KANEKO ET. AL., DNA RESEARCH, VOL. 2:153-166, 1995, SEQUENCE ANALYSIS OF THE GENOME OF THE UNICELLULAR CYANOBACTERIUM SYNECHOCYSTIS SP. STRAIN PCC6803. I. SEQUENCE FEATURES IN THE 1 MB REGION FROM MAP POSITIONS 84% TO 92% OF THE GENOME	
		TAKAKAZU KANEKO ET. AL., DNA RESEARCH, VOL. 3:109-136, 1998, SEQUENCE ANALYSIS OF THE GENOME OF THE UNICELLULAR CYANOBACTERIUM SYNECHOCYSTIS SP. STRAIN PCC6803. II. SEQUENCE DETERMINATION OF THE ENTIRE GENOME AND ASSIGNMENT OF POTENTIAL PROTEIN-CODING REGION	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1001379, 7-5-01, KANEKO, T. ET. AL., SEQUENCE ANALYSIS OF THE GENOME OF THE UNICELLULAR CYANOBACTERIUM SYNECHOCYSTIS SP. STRAIN PCC6803. I. SEQUENCE FEATURES IN THE 1 MB REGION FROM MAP POSITIONS 84% TO 92% OF THE GENOME	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2645881, 5-1-98, HARB, O. S. ET. AL., IDENTIFICATION OF THE ASPARTATE-BETA-SEMIALDEHYDE DEHYDROGENASE GENE OF LEGIONELLA PNEUMOPHILA AND CHARACTERIZATION OF A NULL MUTANT	
		OMAR S. HARB ET. AL., INFECTION AND IMMUNITY, VOL. 66:1898-1903, 1998, IDENTIFICATION OF THE ASPARTATE-B-SEMIALDEHYDE DEHYDROGENASE GENE OF LEGIONELLA PNEUMOPHILA AND CHARACTERIZATION OF A NULL MUTANT	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2645882, 5-1-98, HARB, O. S. ET. AL., IDENTIFICATION OF THE ASPARTATE-BETA-SEMIALDEHYDE DEHYDROGENASE GENE OF LEGIONELLA PNEUMOPHILA AND CHARACTERIZATION OF A NULL MUTANT	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 6225258, 08-20-01, DECKERT, G. ET. AL., THE COMPLETE GENOME OF THE HYPERTHERMOPHILIC BACTERIUM AQUIFEX AEOLICUS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2983641, 3-25-98, DECKERT, G. ET. AL., THE COMPLETE GENOME OF THE HYPERTHERMOPHILIC BACTERIUM AQUIFEX AEOLICUS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2983642, 3-25-98, DECKERT, G. ET. AL., THE COMPLETE GENOME OF THE HYPERTHERMOPHILIC BACTERIUM AQUIFEX AEOLICUS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 340818, 8-4-93, MARTIN, C. ET. AL., PSEUDOMONAS AERUGINOSA DIAMINOPIMELATE DECARBOXYLASE: EVOLUTIONARY RELATIONSHIP WITH OTHER AMINO ACID DECARBOXYLASES	

Examiner Signature		Date Considered	6/30/04
-----------------------	--	--------------------	---------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

FEB 11 2002

RECEIVED

TECH CENTER 1600/2900

Substitute for form 1449A/PTO		Complete if Known			
		Application Number	09,931,457		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	AUGUST 16, 2001		
		First Named Inventor	SAVERIO CARL FALCO ET. AL.		
		Group Art Unit	Unknown		
		Examiner Name	Unknown		
Sheet	3	of	3	Attorney Docket Number	BB1116 US CIP

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JS		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 11131628, 8-20-01, HESSE, H. ET. AL., ISOLATION OF CDNAS ENCODING CYTOSOLIC AND PLASTIDIC CYSTEINE SYNTHASE ISOFORMS FROM SOLANUM TUBERSUM	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 704396, 5-9-96, RAVANEL, S. ET. AL., CLONING OF AN ARABIDOPSIS THALIANA CDNA ENCODING CYSTATHIONINE BETA-LYASE BY FUNCTIONAL COMPLEMENTATION IN ESCHERICHIA COLI	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1708993, 8-20-01, RAVANEL, S. ET. AL., CLONING OF AN ARABIDOPSIS THALIANA CDNA ENCODING CYSTATHIONINE BETA-LYASE BY FUNCTIONAL COMPLEMENTATION IN ESCHERICHIA COLI	

Examiner Signature	<i>[Signature]</i>	Date Considered	6/30/04
-----------------------	--------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.